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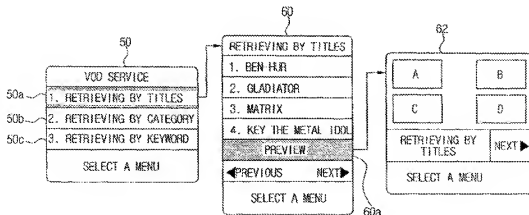
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(54) System and method for providing summary video information of video data

(57) Disclosed is a system for providing summary video information of video data including an editing tool server which makes a video title list for many video data, and edits the summary video information of each video data corresponding to the video title list and extracts the summary video information according to a requesting signal, a preview encoder which provides a retrieving menu for the video title list to an external device connected to receive the video data, and properly align the summary video information for at least one of the video data on a screen or reprocesses the summary video information to

be suitable for streaming thereof when a retrieving operation is requested through the retrieving menu, and a stream server which transmits the extracted video title list and the summary video information to the external device, when an output-requesting signal for the summary video information of the video data extracted from the external device is input. Therefore, a user can precisely retrieve the corresponding video data using the summary video information such as the image of the main scene and the synopsis of the video data which are provided according to selection of the retrieving menu.

FIG.4





European Patent
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EUROPEAN SEARCH REPORT

Application Number
EP 02 25 0169

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
A	<p>LITTLE T D C ET AL: "PROSPECTS FOR INTERACTIVE VIDEO-ON-DEMAND" IEEE MULTIMEDIA, IEEE SERVICE CENTER, NEW YORK, NY, US, vol. -101, no. 3, 21 September 1994 (1994-09-21), pages 14-24, XP000476885 ISSN: 1070-985X * page 19, right-hand column, paragraph 5 - page 20, right-hand column, paragraph 1 *</p>	1-10	
A	<p>WU D ET AL: "Streaming video over the Internet: Approaches and Directions" IEEE TRANSACTIONS ON CIRCUITS AND SYSTEMS FOR VIDEO TECHNOLOGY, vol. 11, no. 3, March 2001 (2001-03), pages 282-300, XP001093478 * the whole document *</p>	1-10	
			TECHNICAL FIELDS SEARCHED (IPC)
The present search report has been drawn up for all claims			
Place of search		Date of classification of the search	Examiner
The Hague		9 January 2006	Díaz de Lezana, C
<p>CATEGORY OF CITED DOCUMENTS</p> <p>X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document</p>		<p>T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application I : document cited for other reasons & : member of the same patent family, corresponding document</p>	

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For Class. and Int. Searching

ANNEX TO THE EUROPEAN SEARCH REPORT ON EUROPEAN PATENT APPLICATION NO.

EP 02 25 0169

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

09-01-2006

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 0005884	A	03-02-2000	AU 4796599 A	14-02-2000
			EP 1114554 A1	11-07-2001
WO 9960790	A	25-11-1999	AT 235783 T	15-04-2003
			AU 761403 B2	05-06-2003
			AU 4086299 A	06-12-1999
			BR 9910612 A	30-01-2001
			CA 2332343 A1	25-11-1999
			CN 1516469 A	28-07-2004
			CN 1309872 A	22-08-2001
			CN 1585479 A	23-02-2005
			CN 1592408 A	09-03-2005
			DE 69906280 D1	30-04-2003
			DE 69906280 T2	29-01-2004
			EP 1080581 A1	07-03-2001
			ES 2196808 T3	16-12-2003
			HK 1036542 A1	06-02-2004
			JP 2002516537 T	04-06-2002
			JP 2004159367 A	03-06-2004
			TW 432879 B	01-05-2001
			US 2004226042 A1	11-11-2004
WO 0073914	A	07-12-2000	AU 485300 A	18-12-2000

EPC 1993:VI,2004:II

For more details about this annex - see Official Journal of the European Patent Office, No. 12/82